LAVABIANCHERIA
WASHING MACHINE

Istruzioni per l'installazione e l'uso
Instructions for installation and use

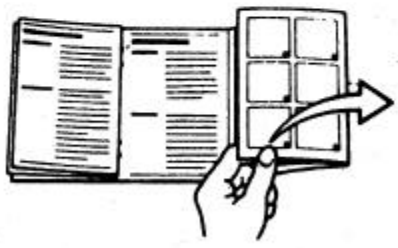
The new washing system

This new washing machine is the result of many years of research.
High quality standards in both planning and production ensure it will have a long life.
Its design meets all present and future requirements for modern laundry washing.
Its limited consumption of water, electricity, and detergent helps to protect the environment and assures running-cost savings

Water and electricity consumptions have been reduced in all the programs.
To achieve this the washing machine uses a **special washing system**, that is effective in every program and for every fabric.
The drum has been made with three lifters that keep the water continually in circulation making it possible to get a good, uniform wash with less water.
Thanks to this system your laundry will be washed and treated very delicately.

The new washing system is so efficient that normally dirty laundry can always be washed with a program without a prewash.
This cuts washing time, too.
Prewashing is only advisable when the laundry is very dirty.

We recommend you to read the user instructions carefully to fully exploit all the possibilities and advantages offered by this washing machine.



NOTICE!
Before starting to read this hand book open the end pages with the illustrations.

Preliminary recommendations

Notice!
It is very important that this instruction handbook is kept together with the machine for subsequent references.
Should the machine be sold or transferred, make sure that the handbook always goes with the machine to enable the new owner to read the operation information.
The above mentioned recommendations are given for safety reasons. They have to be read carefully before installing or using the machine.

When you get rid of an old washing-machine take care to make the old door unusable.
This will avoid the hazard of children playing, getting closed inside and putting their lives in danger.

Pets and small children could get in the washing-machine.
Check inside the basket before use and **prevent children from playing with the appliance.**

This appliance must only be operated by adults.
Do not allow children to tamper with the controls or to play with the washing machine.

The electrical and plumbing jobs needed to install the appliance **must be carried out by qualified personnel only.**

Before use make sure the tub unit has been unlocked (see instructions).
If the drum unit has not been unlocked during the spinning it can damage the washing machine and the nearby furniture or fittings.

The washing-machine must absolutely not be used on vehicles, on board ships or aeroplanes, or in rooms where there are special conditions such as corrosive or explosive atmosphere (powders, vapours, and gases).

Do not position the washing-machine in rooms exposed to frost.
Frozen pipes may burst under pressure.

Make sure the appliance does not stand on the power cable.

The washing-machine may be started up without supervision **only if there is a water drain in the floor nearby.**

Make sure the drain hose, hooked onto a sink, **is firmly locked in place and cannot move.**
If it is not locked the force of the outcoming water could shift it from the sink **with the danger of flooding.**
When hooking the hose onto a sink **check, moreover, that water flows away rapidly.**
Danger of sink overflowing.

Do not overload the machine.
Follow the instructions given in this booklet on the matter.

In this machine wash only laundry or fabrics declared on the label by the manufacturer to be suitable for machine washing.
No other use is admissible and could even be dangerous.
The manufacturer cannot be held liable for damage caused by improper use of the machine.

Do not, in any case, use detergents containing solvents for the washing-machine. **They could damage the machine and form poisonous vapours. These fumes could, moreover, catch fire and explode.**

Clothes soaked in petroleum products must not be washed in the machine.
If volatile fluids are used for cleaning, make sure these substances have been removed from the garment before putting it into the machine.

Before putting in the clothes to be washed, make sure pockets are empty, buttons well sewed and zipper closed.
Do not wash frayed or torn garments.

Washing at very high temperatures the door glass gets very hot.
Keep children away while the program is running.

Before opening the door, make sure the water has been fully drained off.
If there is any water open the door only after draining it off.
If in doubt read the instructions handbook.

The water in the machine is not fit for drinking!

Swallowing washing powders may cause lesions in the mouth and throat.
Therefore keep children away from the washing-machine.

Before taking laundry out of the washing-machine **make sure the basket has stopped.**

Leave the door partly open between washes so as to keep the seal in good condition.

Long stoppages.
Having to leave the machine inactive for a long time, it is advisable to disconnect the electric and plumbing connections and leave the door partly open to prevent bad odours from forming.

The machine is cut off from the electricity supply only if the plug has been removed or if the master switch of the electric installation has been turned off.

Do not try to repair the machine by yourselves.
Repairs have to be carried out by qualified personnel.
Due to repairs not being carried out correctly, there may be danger for the user.

Important! This machine is easy to use. However, in order to get the best results, it is important to read this handbook and follow all the instructions before starting the machine. The handbook gives the proper installation, use and maintenance instructions, as well as giving useful advice.

Installation instructions

Important - The machine has to be installed by a specialized technician accordingly with the standards in force.

Unpacking (fig. 5)

Caution: the inside of the machine composed of an oscillating unit is locked for transport by the bolts «**A**» on the back of the washing machine.

Before starting the machine you must unlock the unit by unscrewing the above bolts with a 13 mm spanner. Remove the bolts «**A**» from the back of the washing machine along with the relative plastic spacers «**B**». Moreover, to prevent splashes of water getting inside the machine, or touching parts under voltage, **the four holes left open by the bolts must absolutely be closed with the plastic caps «C» supplied.**

N.B. Do not overturn the machine and do not lay it on its sides. It is advisable to keep all the transport safety parts that have to be refitted if the appliance is moved.

Positioning and levelling (fig. 6)

Screw the 4 feet (supplied) onto the bottom of the washing machine with the lock nuts and arrange them in the chosen position.
Carefully level the machine in every direction by means of a spirit level, adjusting the height of the feet if necessary.
After adjustment, lock the feet with the lock nuts.

We recommend you to carry out this operation carefully to prevent vibration, noise, or movement of the washing machine during the use.

The water drain and supply pipes may be turned to the right or left to enable proper installation.
Moreover, check that during operation the washing machine is not leaning on walls, partitions, furniture, etc.

Connection to the water supply (fig. 7)

Connect the water feeding pipe to a cold water cock with a 3/4 gas threaded inlet, (installing the suitable filter «**B**» which is provided with the machine) paving attention to firmly screw it on in order to avoid leakage.

If the connection is carried out with new pipes or with ones that have not been used for a long time, allow water to run through, before fitting the inlet pipe.

In this way any deposits of sand or other impurities are prevented from clogging the filters supplied with the machine to protect the water inlet valves.

Connection to the drain (fig. 9-10)

The end of the drain hose may be inserted into a drainpipe with a minimum inner diameter of 4 cm and a height between **50** and **90** cm., or well-hooked onto a sink or bath (using the plastic support on the bend in the hose) (fig. 10).

Check in any case that the end of the drain hose is always firmly fixed to prevent the force of the water moving it out of position.

To aid the flow of water avoid bending or choking the hose.

Any extension of the drain hose must be no longer than 1 metre, it must have the same inner diameter and must have no constrictions of any nature.

In no event must the end of the drain hose be submerged in water.

Electrical connection

Before plugging into a power socket check that:

1) The value of the power supply voltage of the mains matches the value given on the rating plate on the back of the appliance.
2) The meter, the limiting valves, the power supply line, and the power socket are sized to withstand the maximum load required given on the rating plate.

Make sure, moreover, that the power socket and the plug supplied with the machine are compatible without the need for transformers or adapters of any kind that could cause overheating or burning. If the power socket does not match the plug supplied, replace the socket of the installation with one of a suitable type.
It is absolutely necessary to earth the appliance.
Plug into a power socket fltted with an efficient earth connection.
Before plugging into the power socket check the efficiency of the earth installation.

Our Company declines all responsability for any damage to persons or things deriving from not making the earth connection or from making a faulb one. A good electric connection assures the best safety.

When installed fit an omnipolur cut-out switch onto the power line to the appliance with contact aperture equal to or greater than 3 mm., positioned in an easily accessible place close to the appliance **to disconnect the machine from the mains at the end of the washing program.**

This appliance complies with the provisions of EEC directive 89/336 of 3.5.89 (including the modification directive 92/31 EEC) concerning the elimination of radio interference.

- The plug must be accessible after installation.
- If the power supply lead is damaged, it must only be replaced with an original spare, available from the Service Centre.

Controls and functions (fig. 1-2)

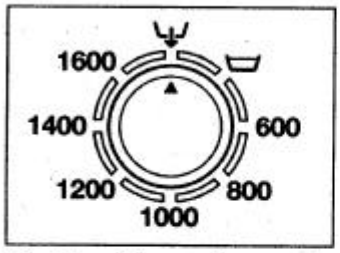
Description of controls

A – Program selection knob	
B – Temperature knob	
C – Spin rpm selection dial	
* – Economic program push-button (*)	
* – Additional rinse push-button (*)	
F – On-off push-button	
G – Automatic detergent dispenser	
H – Program pointer	
I – Temperature index	
L – Operating indicator light	
M– Drying time knob (only wash-dryer)	
N – Delay timer knob (only on some model)	
* – Half-load push-button (*)	
* – Increase water push-button (*)	

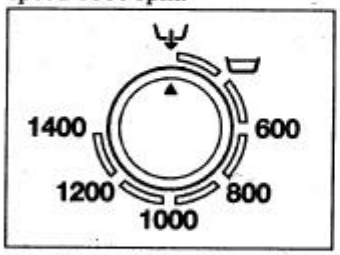
Program selection knob (A) This allows the wash program to be chosen by turning the knob **clockwise** until the marker on the control panel aligns with the desired programme.

Temperature knob (B) This is needed to chose washing temperatures from 30° to 90°C. By turning the knob making simbol «**0**°» coincide exactly with the index reference, the machine performs the selected wash programme with col water wich is at the water in let temperature (optional an all programmes).

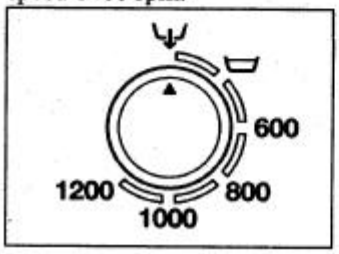
Spin rpm selection knob (C)



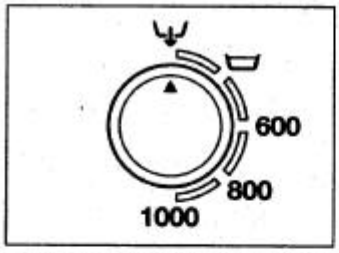
Models with maximum spin speed 1600 rpm.



Models with maximum spin speed 1400 rpm.



Models with maximum spin speed 1200 rpm.



Models with maximum spin speed 1000 rpm.

This is used to select the final spin, or stopping with a full tub, or only draining off the water.
To automatically end washing programs with the spin, position the dial pointer on the desired speed.

With delicate programs, even if a higher speed has been selected, the machine spins at 900 rpm.

To prevent delicate fabrics from creasing, position the knob onto the ⌓ symbol. The machine will stop with the tub full of water and the laundry will be left soaking
If you want to take the laundry out **entirely wet and dripping** (wash-wear fabrics) position the dial on the ⏚ symbol: the water is automatically discharged with all programs without spinning.

Economy program push-button

E *

Pressing this push-button with programmes **1** (with prewashing) or **3** and **4** (without prewashing) **the appliance will carry out a prolonged washing cycle at the temperature of 35° (biological step) obtaining good washing efficiency by low energy consumption.**
The appliance will continue the washing cycle at the selected temperature.
N.B. By pressing the push-button «**D**» a maximum wash temperature of 60°C can be obtained on all programs even if a higher temperature has been selected.

Additional rinse push-button

*

This washing machine is studied for saving water and electricity. In soft water areas or to improve yhe results of rinsing, press the additional rinse push-button «**E**» for about 20% more water (optional in energetic programs).

On-off push-button (F)

By pressing this button the machine switches and on-off.

Half-load push-button

*

If you use the machine with less than full loads of laundry as indicated in the «program selection guide», press this push-button to save on water, detergent and electricity.
We recommend you not to use it for synthetic fabrics and for wool.
The amount of detergent, given as an indication, may be reduced in proportion to the load.

Water increase push-button

*

The washing technique applied to this machine, foresees a water quantity and an energy consumption suitable for a normal working.
Press this push-button only for specific needs for example should you have to wash very delicate clothes (particularly curtains and wool).
In this way, the water level for the wash and rinse increases, **and the electricity consumption for heating increases.**
Press this push-button before starting the machine.

(*) Only some models are preset to do the above mentioned functions.

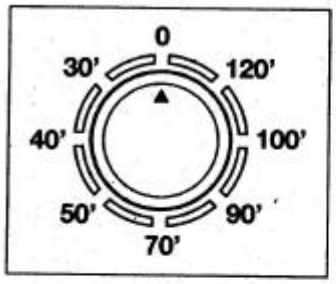
Detergent dispenser (G)

The dispenser is located on the left hand side of the control panel, which is accessed by pulling outwards. The compartment inside is formed of four compartments marked with numbers «**1**» and «**2**» prewashing and detergent, respectively with symbol ❀ for the fabric conditioner.
Moreover it is fitted with a red insert «**A**» (fig. 3), which positioned in the wash compartment «**2**» allows the use of liquid detergent.

Operating indicator light (L)

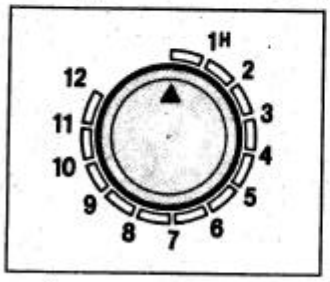
It lights up when the machine is started by pushing button «F». At the end of the wash cycle it remains on; to turn it off switch off the on-off button.

Drying time knob (M)



(only washer dryer)
This is used to choose the drying time up to a maximum of 120 minutes.
Turning the knob **clockwise** until the pointer coincides exactly with the desired number selects the time in minutes.
After a drying program always turn the knob onto position 0.

Delay timer knob (N)



(only on some models)
This is used to delay the start of a selected program by up to a maximum of 12 hours.
To delay the start of the program turn the dial clokwise «**N**» until the pointer coincides exactly with the desired number of hours delay.
This selection may be made before turning the start dial «**B**».
Regulation is progressive, all the intermediate zones between numbers can be used.
After setting the delay time, the count-down begins; the dial «**N**» automatically turns and the reference pointer indicates the hours to go to the start of the program.

Using the machine

Preparing the laundry

Divide the laundry to be washed depending on colour and type of fabric. Wash white garments separately from coloured ones. It is advisable, to wash new coloured garments on their own, for the first time. Do not wash unhemmed or torn articles as they could unthread. Fasten studs, zips and buttons, empty pockets and turn them inside out. Wash very small articles (belts, handkerchiefs, etc.) closing them in a white cloth bag. Using modern detergents and at the right washing temperature is usually sufficient to eliminate stains from fabrics. However, some difficult stains such as grass, fruit, egg, blood, rust, biro, etc. should be treated before washing. **Depending on the type of fabric, there are numerous products on the market to treat stains. In any case, it is advisable to clean or dilute stains immediately, because the older they are the more difficult they are to remove.** Normally, garments have a label giving useful indications on to how to treat the garment. Below we give a short description of the symbols on these labels.

Failure to observe the fabric treatment symbols may cause damage to the laundry.

WASH	
90	Wash max. 90°C
60	Wash max. 60°C
40	Wash max. 40°C
30	Wash max. 30°C
60	Delicate wash max. 60°
40	Delicate wash max. 40°C
30	Delicate wash max. 30°C
	Wash by hand
	Do not wash

BLEACHING			
Cl Can be bleached		Do not bleach	
IRONING			
High temperature	Medium temperature	Low temperature	Do not iron
DRY CLEANING			
A	P	F	Do not dry clean
DRYING AFTER WASH			
High temperature	Temperature less than 60°C		Do not dry

Wool - Only wool marked «pure new wool unshrinkable treated washable» can be machine washed with the specific program. Other types of wool are preferably washed by hand or dry cleaned.

Opening door

The machine has been fitted with a safety device that prevents the door from opening whilst a program is in operation. At the end of the program the machine will stop automatically with the program selector pointer on the «I» position.
Before opening the door, switch off the appliance and wait for 1 or 2 minutes to allow the safety device to disconnect. **Check that the water has been entirely drained out of the tub and that the drum is stationary.** Open the door by pressing on the push button and grip it to open it fully (fig. 4).

N.B. If the washing program is interrupted you need to wait from 3 to 15 minutes depending on the internal temperature reached by the machine.

Warning!
Before opening the door make sure the water has been entirely drained off.
The water may still be boiling if washing has been done at high temperatures.

If there is still water inside the drum, do not open the door, but turn off the machine via the on-off button.
To drain the water from the tub, after turning off the machine turn knob «**A**» of the program selector onto position «**7**» or «**S**» and move the pointer of knob «**C**» (spin selector) onto the ⏚ symbol.
Re-start the machine by pressing button «F»; in this way, the only operation will be the water being drained from the tub.
If the machine still will not drain, inspect the drainage pump as described on page 56.
Otherwise, the fault derives from an anomaly with the machine, call the nearest Assistance Service.

N.B.: Turn the knob of the program selector only when the machine has been electrically disconnected (when button «F» is turned off).

Loading laundry

As far as possible, **to save electricity, it is convenient to fill the load for the various types of fabric.**
Put loose laundry inside, alternating large articles with small ones. For the first few times it is a good idea to

weigh the loads of laundry, then the experience acquired will be sufficient. As an indication, below we list average weights of more common items:

sheet	700 - 1000 gr.
pillow-case	100 - 200 gr.
table-cloth	400 - 500 gr.
serviette	50 - 100 gr.
tea-cloth	70 - 120 gr.
linen towel	100 - 150 gr.
sponge towel	150 - 250 gr.
big sponge towel	700 - 1000 gr.
bathrobe	1000 - 1500 gr.
shirt	200 - 300 gr.
apron	150 - 200 gr.

Introducing laundry

Open the loading door by pressing the push-button (fig. 4). Put the laundry inside distributing it evenly, loosely and not bunched up in the drum; it is better to mix large articles with small ones. **To save electricity it is wise to fill the load** for the various types of fabric, observing the quantity given in the «Program selection guide» in this booklet on pages 54 and 55.

Automatic water adjustment

For smaller loads of laundry this automatic washing machine operates economically. Depending on the type of fabric and the amount of laundry a regulating device automatically reduces the amount of water. Anyhow, it is always advisable, to save electricity, to fill the load. **The detergent may, of course, be reduced in proportion to the load of laundry.**

Closing the door

Close the door by pressing it against the frame until you hear it snap shut. Do not trap items between the door and the rubber seal.

Caution!
If the door has not been closed properly a safety switch will prevent the washing machine from operating.

Adding detergent and additives (fig. 3)

Follow the instructions described in the «program selection guide» of this handbook, add before the program starts in the relevant dispenser the detergent and the additives.

In the compartment marked with number **«1»** add the prewashing powder detergent. The wash powder detergent has to be added in the compartment **«2»**.
In compartment «3» marked with the ❀ symbol you may, if you wish, pour liquid additives such as finishers, bluing-agents, or fabric conditioners. The lid «T», marked with the ⩓ symbol, may be removed from the compartment for cleaning by lifting it out. **The level of the liquid must not in any case exceed the maximum indication,** otherwise the tub would empty too soon.

Before pouring dense additives into the tub, dilute them with a little water to prevent the siphon from blocking. Additives are introduced automatically into the washing tub during the final rinse.

Use only controlled foaming detergents suited for use in a washing machine.

Determine the amount of detergent in relation to the hardness of the water, the type and quantity of laundry loaded and its degree of dirtiness. In this way you will get the effect of the desired wash and optimum detergent consumption.
Detergent packages indicate the amount according to 4 levels of hardness and for loads of normally dirty laundry from 4 - 5 kg.
Request the information concerning the degree of hardness of the water from the competent local water board.

Water hardness

Level of Hardness	French Degrees fH	German Degrees dH
Sofl	up to 15°	uo to 8°
Medium	15° - 25°	8° - 14°
Hard	25° - 40°	14° - 22°
Very Hard	over 40°	over 22°

Powder detergents dosage

For normally dirty laundry choose a program with no prewashing.
Introduce the total amount of detergent indicated on the package into compartment «**2**» of the drawer (fig. 3).

For very dirty laundry choose a program with prewashing. Introduce 1/4 of the recommended amount of detergent into compartment «**1**» of the drawer and 3/4 of the detergent into compartment «**2**».

If there are no dosage indications for delicate laundry composed of synthetic fibres give from 1/2 to 2/3 of the amount indicated to wash resistant cotton fabrics.

For the wool program we recommend you only use neutral detergents for wool. Make the dosage according to the detergent manufacturer's data.

Liquid detergents dosage

Liquid detergents may be used according to the amounts planned for by the manufacturer **only for the main wash, that is in all the programs without prewashing.**

For this purpose, pour the required amount into the measurer supplied with the container of liquid detergent and put it inside the drum;
or, use compartment «**2**» of the detergent dispenser, fitting the red insert «**A**» (fig. 3). The scale on the red insert is an aid to dosing the liquid detergent.

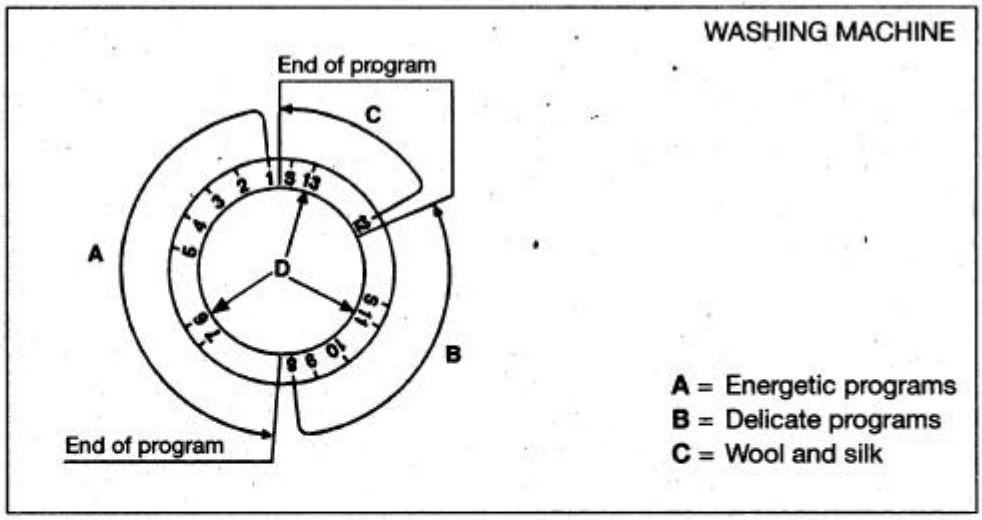
When compartment «**2**» is used for powder detergent **it is absolutely necessary to remove the red insert «A».**

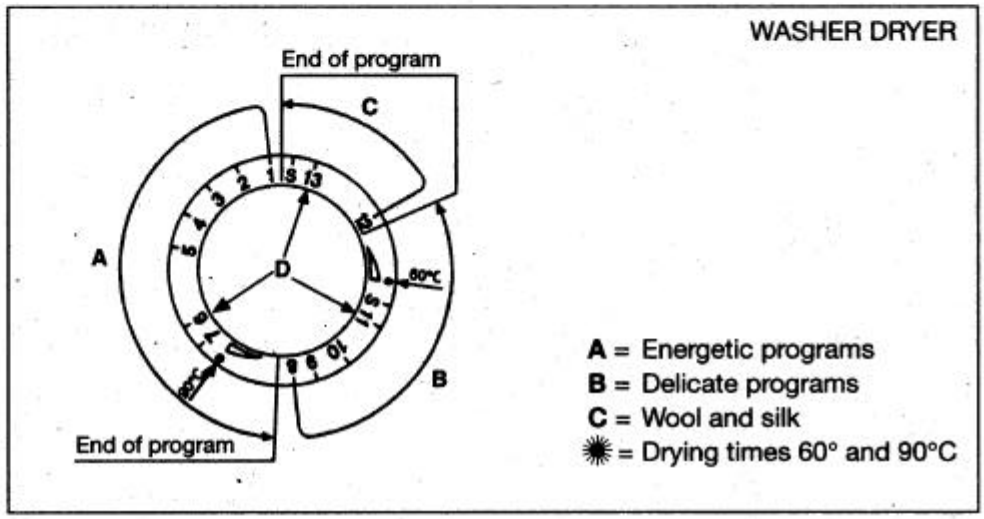
Water softener

Water softener may be added according to the manufacturer's indications into compartments «**1**» and «**2**». Pour in the detergent first and then the water softener.

Program procedure

To select programs in relation to the type of fabric consult the «Program selection guide» on pages 54 and 55.





Choice of program

The washing machine has the following basic programs that, in connection with linear temperature setting and with the different key functions, make it possible to set the most varied programs for every need.

- **Energetic washing programs** for resistant fabrics in cotton, linen, or hemp.
- **Delicate washing programs** suited to delicate fabrics in artificial synthetic or mixed fibres. They prevent creases from forming that are difficult to get rid of by ironing.
- **Wool program** only for garments marked «pure new wool» unshrinkable, treated, washable. Other types of wool are preferably washed by hand or dry cleaned.

The desired program is chosen with the **prgram selector.** The selector dial may be turned **only with the machine switched off and only clockwise.**

The **program selector** can likewise set the following partial programs:

— Rinse with additive

— Drain and spin

— Drain only

Important! If necessary, or if desired, press buttons D - E before start the machine (see paragraph «Controls and functions»).
The separate **temperature selector** enables linear temperature setting, depending on the type of fabric, from cold up to 90°C. The fabric treatment labels indicate which washing temperature has to be set.
If you wash garments with different washing temperatures you must choose the lowest washing temperature.

Energy saving programs

If the laundry is only slightly soiled and does not need the bleaching effect of high temperatures **a low temperature can be chosen to save on energy.**

In spite of the low temperature and therefore the savings in electricity, an automatic time control maintains the duration of the main wash unchanged with respect to that of a program with a higher temperature. This makes it possible to get good washing results with **slightly soiled laundry at lower temperatures** than the maximum one indicated on the fabric treatment label.

Following the indications of the «program selection guide» **for normally dirty fabrics** choose a programme without prewashing.
For particularly dirty fabrics choose a program with prewashing. The wool program cannot be combined with prewashing. **For slightly soiled fabrics** you can choose a short programme.

Starting the washing machine

Before starting the machine make sure plumbing and electrical installations have been done correctly. Firmly close the door and open the water tap. Load the detergent and additive. Set the desired program.

At this point turn knob «B» to make the wash temperature coincide with the index reference. Switch on the on-off button.

The operating indicator light «**L**» will come on.

After 10 seconds the machine will automatically position itself and carry out the programmed cycle. During the program the indicator light «**L**» will stay on.

> **Warning** - If for any reason you want to stop the machine when it is operating, you need to proceed as described in the chapters «Interrupting or changing the wash and the drying programs» on page 50.

End of program

The washing programs are automatically completed, if desired, with spinning at the desired speed (as described in the paragraph «Spin rpm selection knob» on page 37).

If the machine automatically stops at the end of the cycle with the tub full of water (before draining and spinning), position the spin rpm selection knob «**C**» onto the ⏚ symbol to just drain off the water (without spinning).

To drain off the water and have spinning, position the knob «**C**» in line with the desired spinning speed. If the knob has been positioned at the start of the program on the ⏚ symbol, the water is automatically discharged in all the programs without spinning.

After washing or drying

— When program is finished the machine will drying automatically stop with the symbol «**I**» of the knob «**A**» in connection with the relative indicator reference.

— Press the on-off button to switch off the machine (the function lamp «L» switches off) and switch off the wall switch situated above the outlet.

— Before opening the door wait for 1 or 2 minutes to allow the safety device to disconnect.

— Unload the laundry from the drum.

— Leave the door ajar.

— **Close the water inlet tap.**

Interrupting or changing the wash program

The washing program may be broken off at any time.
In order to switch off the machine.
To reset another programme select with knob «A» the desired programme and re-start the machine.

Warning: in order to set the wash programs (after the interruption of any previous program) switch off the machine, turn the knob «**A**» of the program selector in the position «**7**» or «**S**» and make the index of knob «**C**» coincide with the symbol of knob .
After the complete discharge of water, set again the desired program.

Interrupting or changing the drying program

(only wash-drier)
If you wish to anticipate the end or change a drying program, zero the time selector by moving the pointer of knob «**M**» onto position 0.
Wait for 5 or 6 minutes to allow the drying unit to cool down and only after the fan has stopped (when the index of knob «A» automatically positions itself on position «**I**») turn off the machine. At this point if you wish to reset another drying programme or vary the time, turn respectively knobs «A» and «M» on the desired positions. Finally, turn the machine on again to start the cycle.

Setting the drying cycle (only washer dryer)

The laundry is dried by a continuous flow of hot air produced by a fan. Passing through the drum, the air removes moisture from the laundry.
The moisture is then condensed inside the machine when it comes into contact with cold water.
For this reason, during the drying cycles it is essential for the water tap to be open and the drainage pipe to be positioned properly.
With this machine it is possible to set washing only, drying only, and washing plus drying programs. In the washing plus drying program there is an automatic passage from washing to drying, without using the controls (at the end of washing) to complete the cycle.

Washing only program

To have a washing only cycle you need to select the desired program, **ensuring that the drying time dial «M» is positioned with the pointer on position 0.**

Drying only program

At the end of a washing cycle, to program the drying proceed as follows:

- To switch off the washer-dryer use button «F».
- Select the time with the relative knob «**M**».
- Turn the program knob «**A**» to coincide with the drying symbols ✹ of 60°C or 90°C (red drying symbol at 90°C), depending on the type of fabric and its relative resistance to temperature indicated on the manufacturer's label.
- Turn on the water tap and switch on the machine to start the drying cycle.

During drying the laundry must be able to move freely inside the drum both to facilitate the removal of moisture and to avoid the formation of creases. To get good drying results the load of laundry must not exceed 2.5 kg of cotton or 1.5 kg of synthetic fabrics.

Washing plus drying program

Automatic operation of the washing plus drying program is possible in the energetic and delicate programs. To wash and dry automatically we recommend a load of laundry no greater than 2.5 kg of cotton or 1.5 kg of synthetic fabrics. Therefore, if the load to wash and dry is greater than this, it is not recommended to operate automatic washing and drying. You have to select the washing only program and, at the end, half the load and do the drying in two goes
To set an automatic washing plus drying program proceed as follows:

— Select the washing program.

— Select the desired spin speed.

Drying times vary in proportion to spinning speed: the higher the speed the shorter the drying time and therefore the lower the consumption of electricity. It is recommended to choose the highest spin speed for the type of laundry.

If a spin speed has not been selected (also with delicate programs) the machine will not automatically carry out the drying phase.

— Select the drying time from 30 to 120 minutes with the relative knob «**M**».

— To automatically start both programmes use the on-off button.

N.B. If you use a plastic container for liquid detergents to be put into the basket, only carry out the washing program and remove the container before going ahead with drying.

Important! Do not break off drying when the program has started.
If it is necessary to open the door during drying, stop the program as described in the paragraph «Interrupting or changing the drying program» on page 50.

Warning

Dry only laundry or garments washed with a watery solution and suitable for machine drying. Do not dry fabrics that have been dry cleaned or had stains removed with chemical solvents; wool or mixed wool fabrics that shrink with heat; very delicate fabrics such as silk and synthetic curtains; fabrics that can easily fray such as loose wool, wadding, and excessively frayed rugs; articles containing foam rubber or similar elastic materials.
By setting energetic washing programs, drying is automatically performed at 90°C and drying time may vary from 20 to 120 minutes.
With delicate programs drying is automatically done at 60°C, again with a variable time from 20 to 120 minutes.
Then, for an automatic washing plus drying program the drying temperature depends on the washing program selection.
To carry out a drying only program the laundry must previously have been washed and spun.
Important - Do not dry delicate fabrics that do not withstand a temperature of 60°C or, in any case, fabrics that do not withstand the selected temperature.

Table Indicating Drying Times and Temperatures

Laundry load	Fabric resists drying at 90°C	Delicate fabric drying at 60°C	Drying level
1.5 Kg.	40 minutes	70 minutes	Moist to iron
	70 minutes	100 minutes	Dry
2.5 Kg.	70 minutes	120 minutes	Moist to iron
	90 minutes	—	Dry

Program selection guide

Type of fabric of washing programs **Always observe the fabric manufacturer's treatment symbols**		Programs dial «A»	Temperature dial «B»	Max. recommended load in kg	Detergents			Push-Buttons				Description of washing cycle
					Prewashing detergent	Washing detergent	Additive (optional)	Additional rinse	Economy program	Half-load	Increase water	
Energetic programs, for cotton, linen, or hemp fabrics	Exceptionally dirty laundry	1	90°	4	1	2	❀	○	—	○	○	Prewash at 35°C, wash at 90°C, rinses and adjustable final spin on desired speed
	Very dirty resistant colours	1	60°	4	1	2	❀	○	—	○	○	Prewash at 35°C, wash at 60°C, rinses and adjustable final spin on desired speed
	Very dirty delicate colours	1	60°	5	1	2	❀	○	●	○	○	Economy wash at 60°C, rinses and adjustable final spin on desired position
	Normally dirty laundry	2	90°	5	—	2	❀	○	—	○	○	Wash at 90°C, rinses and adjustable final spin on desired speed
	Normally dirty resistant colours	3	60°	5	—	2	❀	○	●	○	○	Economy wash at 60°C, rinses and adjustable final spin on desired position
	Normally dirty delicate colours	4	40°	5	—	2	❀	○	●	○	○	Economy wash at 40°C, rinses and adjustable final spin on desired position
	Slightly soiled delicate colours	4	30°	4	—	2	❀	○	—	○	○	Wash at 30°C, rinses and adjustable final spin on desired position
	Rinses	5	0°	5	—	—	—	○	—	○	○	3 or 4 rinses (if the additional rinse button is pressed) and adjustable final spin on desired position
	Rinses with fabric conditioner	5	0°	5	—	—	❀	○	—	○	○	3 or 4 rinses (if the additional rinse button is pressed) with fabric conditioner and adjustable final spin on desired position
	Fabric conditioner	6	0°	5	—	—	❀	○	—	○	○	1 rinse with fabric conditioner and adjustable final spin on desired position
	Drain and spin	7	0°	5	—	—	—	○	—	○	—	Only drain, or drain and adjustable final spin on desired position
Delicate programs, for mixed or artificial synthetic fibres	Very dirty resistant synthetics (Nylon, Perlan, Terital-Cotton, Polyester-Cotton, etc.)	8	60°	2,5	1	2	❀	—	—	—	○	Prewash at 35°C, wash at 60°C, rinses, stop with full tub, or only drain, or drain and spin from 500 to 900 rpm
	Very dirty delicate synthetics (Terital, etc.)	8	40°	2,5	1	2	❀	—	—	—	○	Prewash at 35°C, wash at 40°C, rinses, stop with full tub, or only drain, or drain and spin from 500 to 900 rpm
	Normally dirty delicate synthetics (Nylon, Perlan, Terital-Cotton, Polyester-Cotton, etc.)	9	60°	2,5	—	2	❀	—	—	—	○	Wash at 60°C, rinses, stop with full tub, or only drain, or drain and spin from 500 to 900 rpm
	Normally dirty synthetics (Terital, etc.)	9	40°	2,5	—	2	❀	—	—	—	○	Wash at 40°C, rinses, stop with full tub, or only drain, or drain and spin from 500 to 900 rpm
	Washable clothes to freshen	9	30°	2,5	—	2	❀	—	—	—	○	Wash at 30°C, rinses, stop with full tub, or only drain, or drain and spin from 500 to 900 rpm
	Curtains	9	30° 40°	*	—	2	❀	—	—	—	○	Wash at 30° or 40°C, rinses, stop with full tub, or only drain, or drain and spin from 500 to 900 rpm
	Delicate rinses	10	0°	3	—	—	❀	—	—	—	○	3 rinses with fabric conditioner, stop with full tub, or only drain, or drain and spin from 500 to 900 rpm
	Fabric conditioner	11	0°	3	—	—	❀	—	—	—	○	1 rinse with fabric conditioner, stop with full tub, or only drain, or drain and spin from 500 to 900 rpm
	Drain and short spin	S	0°	—	—	—	—	—	—	—	—	Drain and spin from 500 to 900 rpm
Wool and silk	Wool and silk	12	30°	1	—	2	❀	—	—	—	○	Wash at 30°C, stop with full tub, or only drain, or drain and adjustable spin from 500 to 1000 rpm
	Fabric conditioner	13	0°	1	—	—	❀	—	—	—	○	1 rinse with fabric conditioner, stop with full tub, or only drain, or drain and adjustable spin from 500 to 1000 rpm
	Drain and short spin	S	0°	—	—	—	—	—	—	—	—	Only drain, or drain and adjustable spin from 500 to 1000 rpm

NOTES: ○ = Button may be pressed ● = Button has to be pressed

* = fill basket 1/3 without pressing

Cleaning and maintenance

Important - Before carrying out any maintenance or cleuning operation, it is always advisable to disconnect the plug from the socket.

Outside cleaning

Thanks to a constant and regular cleaning the appearance of your machine will remain unaltered for a long period of time.

The machine has to be cleaned only with water and soap, then carefully wipe it by a soft cloth. The plastic parts have to be only cleaned by a damp cloth.

Do not scrape with pointed objects and avoid the use of solvents or products containing abrasives because they will damage the surfaces.

For reasons of safety, never splash jets of water onto the washing-machine.

Cleaning the drum

The washing drum is made of stainless steel. Due to ferrous water or small metal objects in the laundry, such as nails, paper clips or pins, rust may form.
Eliminate any rust stains from the drum with a stainless steel cleaning agent, or for especially difficult cases with very fine sand paper.

To descale the washing-machine only use brand descaling agents with rust-proofing for washing-machines.
Keep strictly to the manufacturer's indications for use and dosage.

After descaling or eliminating rust from the drum carry out a few rinse cycles to eliminate all the residues of acids they could damage the machine.
In no event use detergents containing solvents.
There is the risk they may form vapours that could catch fire and explode.

Clenning the drain pump (fig. 11-12-13)

Cleaning the drain pump is only necessary if the pump gets blocked due to buttons, paper clips or similar objects and the water does not get drained off.
In this case proceed as follows:

1. **Disconnect the machine from the electricity supply.**
2. Depending on the model, proceed as follows:
   MODEL A - Use a coin to turn to the left the plastic buttons wich secure the plinth to the front of the washing machine.
   MODEL B - Insert a small screwdriver into the two slots in the front of the plinth, then use the screwdriver to prise the plinth gently upwards to free the top of the plinth from the housing.

   Tilt the plinth slightly forward and pull upwards to remove it completely.
3. Extract the drain hose «**A**». Caution: a hot pipe signals hot or boiling water. Place a shallow recipient on the floor and remove plug «**B**» to drain off the water. Depending on the load of water in the tub it may be necessary to empty the recipient several times. When no more water flows out, close the hose again, firmly fitting plug «**B**».
4. Unscrew the cover of the pump «**D**» by turning it to the left. Clean and eliminate any foreign bodies from the pump casing. Check the inside «**E**» as well, making sure the blades turns freely, foreign bodies may be trapped there and must be removed.
5. Screw the pump lid back into place. Fix the drain hose, fitting the snap cap into its seat «**C**».
   Depending on the model, replace the plinth as follows:
   MODEL A - Insert the bottom of the plinth first and fix by turning the plastic buttons a quarter turn to the right. The slots in the buttons must be horizontal (as shown in fig. 10).
   MODEL B - Insert the bottom of the plinth first and then push it towards the unit until it snaps into place.

Cleaning the detergent dispenser (fig. 3)

It is wise to keep the detergent dispenser free from encrustations.
To facilitate this operation you need to remove the detergent drawer from its seat entirely (by pulling the drawer outwards, slightly raise it and then pull it out fully overcoming the stop with a light jerk).

Remove the two siphons «**B**» and clean it all with hot water.

Put the siphons fully back in and before inserting the drawer into its seat, eliminate any deposits of detergent or fabric conditioner in the detergent drawer hopper.

Cleaning the water flow filters
(fig. 7-8)

The appliance is provided with two filters to protect the water flow valves.
The filters are in the supply pipe union that should be connected to the tap (fig. 7) and in the magnetic valve union on the back of the washing machine (fig. 8). In particular, the filter on the tap union must be cleaned from time to time.

To clean the filters proceed as follows:

— **Unplug from the mains to disconnect the appliance from the power supply.**

— Shut off the water tap.

— Unscrew the tap supply pipe unions from the tap and from the magnetic valve union turning to the left.

— Remove the filter of the flow pipe union and take out the one inside the magnetic valve with flat-nose pliers.

— Clean the filters with water and with the aid of a brush.

— When screwing the supply pipe unions back on check that the filters and seals are positioned correctly.

Breakdown - what to do

This product meets current safety standards for electrical appliances.
Any technical checks or repairs must be made for safety reasons only by qualified personnel to avoid hazards for the user.

When the machine does not work, first call the Assistance Service to avoid pointless expense and personally check that the operations listed below have been carried out.

The machine will not start

Check that:

— it is properly plugged into a power socket

— the machine door is closed properly

It will not load water

Check that:

— it is properly plugged into a power socket

— the machine door is closed properly

— the water tap is opened

— the water supply pipe filters are not clogged. Clean them as described on page 57.

It will not discharge the water

Check that:

— the drain hose is not bent

— the drain pump is not clogged up. Clean it as described on page 56.

It does not discharge water after the final rinse of the delicate and wool washing programs

The pause is planned for in the washing program (if the knob «C» has been positioned onto symbol ⏛ to prevent the fabrics getting creased.
To drain off the water proceed as described in the paragraph «End of program» on page 49.

The machine loads and sicharges continually

Check that the end of the drain hose is not too low.

Strong vibrations during spinning

Check that:
- The machine has been properly levelled as described in the paragraph «Positioning and levelling» on page 34.
- the washing machine has not been put too close to walls or forniture
- the internal oscillating unit has been unlocked as described in the paragraph «Unpacking» on page 32.

Too much foam forms in the drum and it comes out of the drawer

Check that:
- the detergent used is the right one for automatic machines and not for washing by hand
- it has been used in the quantity indicated in this booklet and not higher ones.

Water on the floor

Check that:
- The connectors of the water supply pipe have not come loose
- the end of the drain hose has not moved out of position.

The fabric conditioner is not fully introduced or too much water remains in the compartment

Check that the siphons in the detergent dispenser are properly positioned in their seat and are not clogged up. Clean them as described in the paragraph «Cleaning the detergent dispenser» on page 57.

The machine will not spin

The anti-imbalance safety device has been tripped because the laundry is not evenly distribuited inside the drum. If the laundry is still wet at the end of the program, you are advised to rearrange it in the drum by hand and repeat the spin program only.

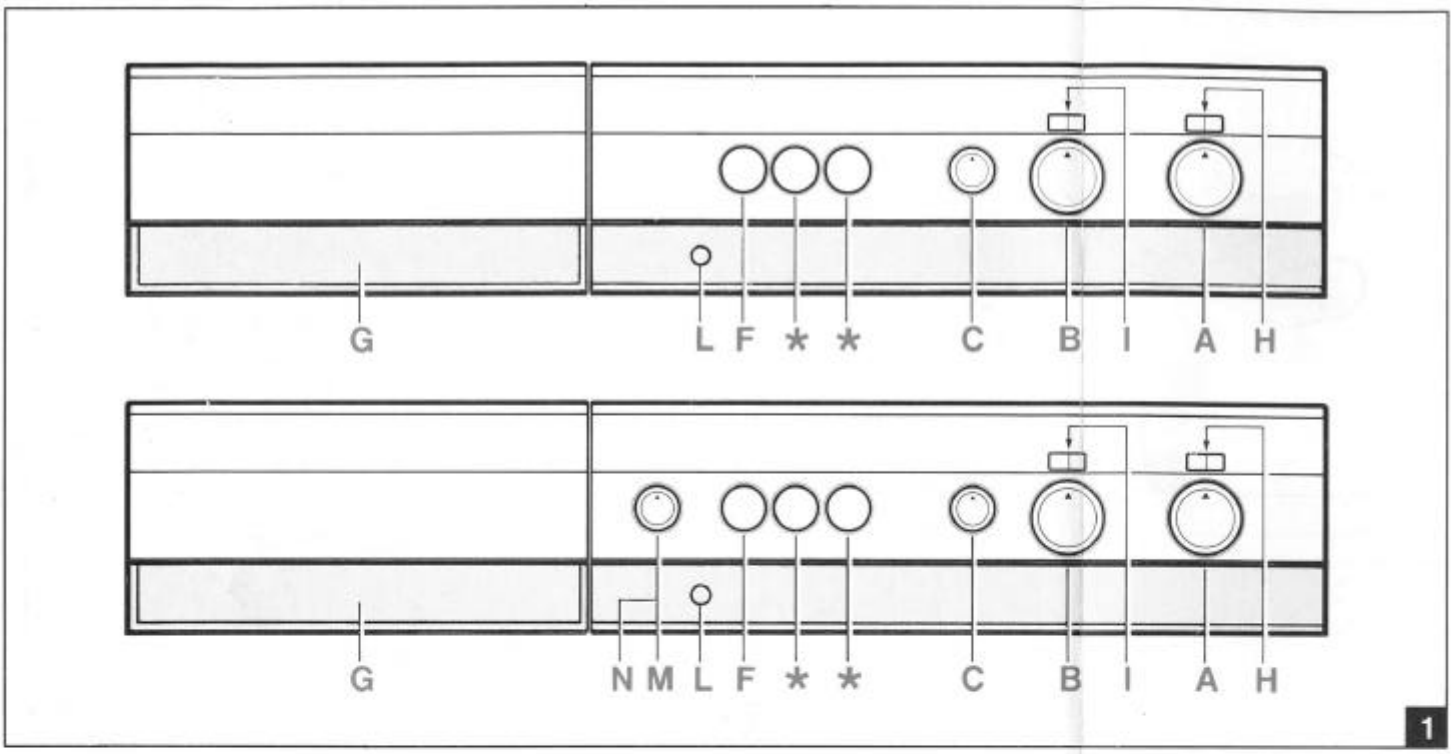
The laundry will not dry

Check that:
- the water tap is open
- the load of laundry is not too much
- drying time is sufficient.

If the machine does not still dry, call the after sales service to clean possible fraying deposits, the fan and the drying duct.

Draining water from the drum

If there is a power failure or the washing-machine breaks down, the water contained in the basket can be emptied in an emergency proceeding as described in the paragraph «Cleaning the drain pump» on pages 56 - 57 at points 1 - 2 - 3 - 5.



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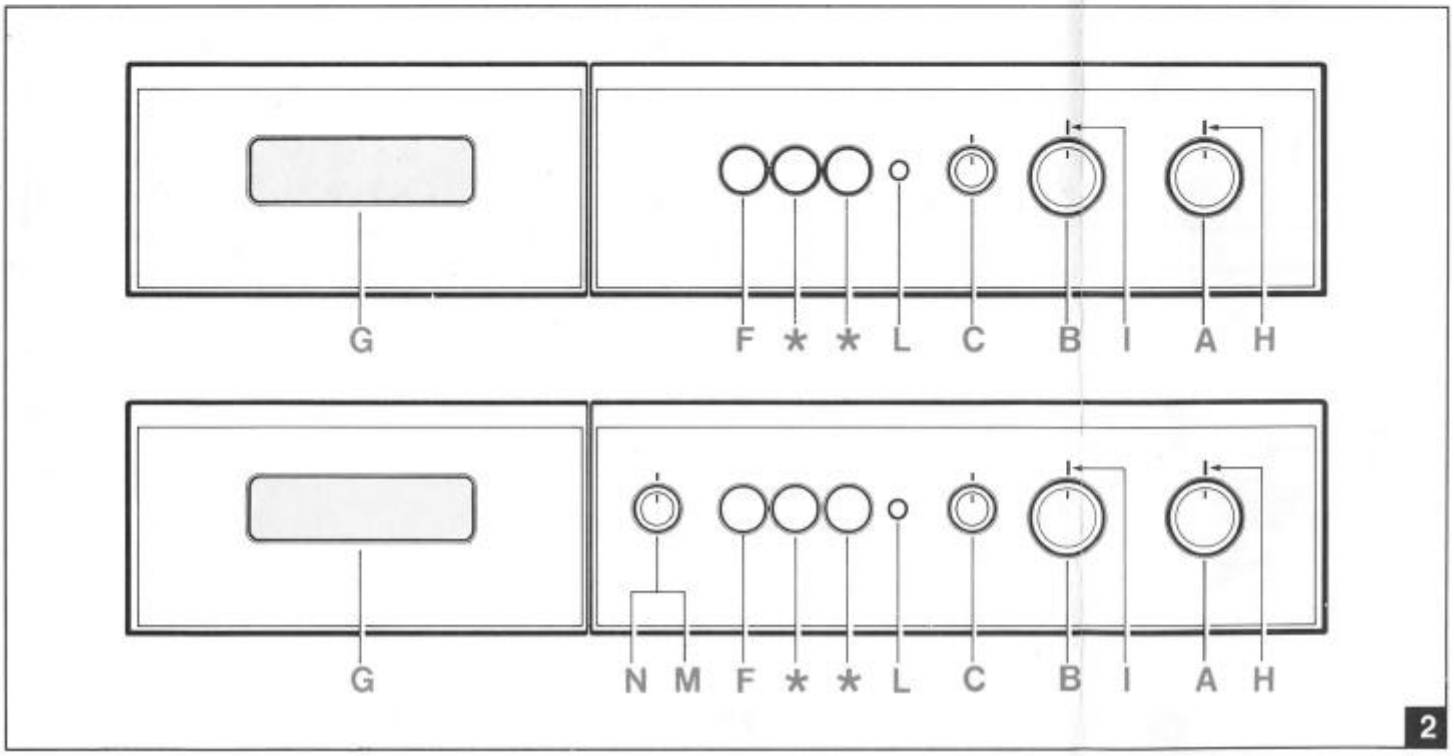

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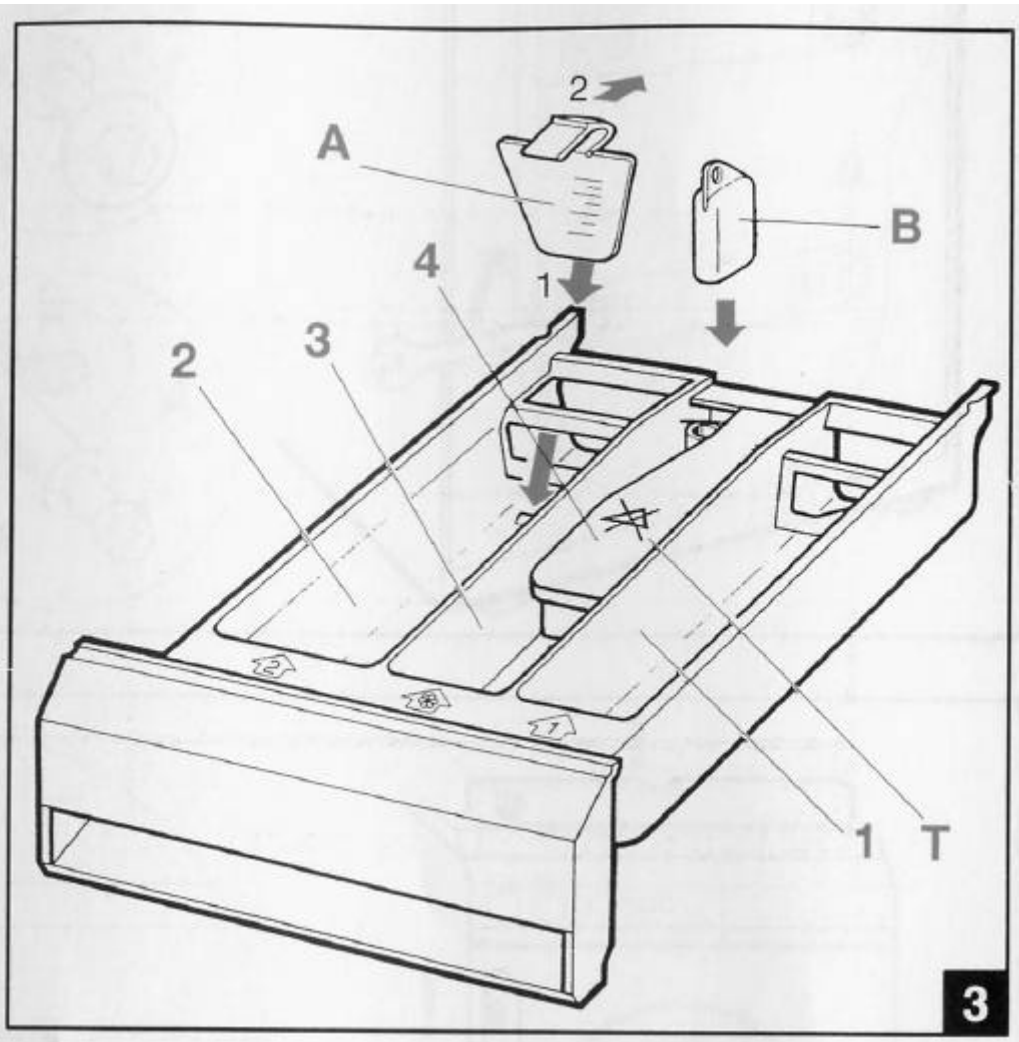
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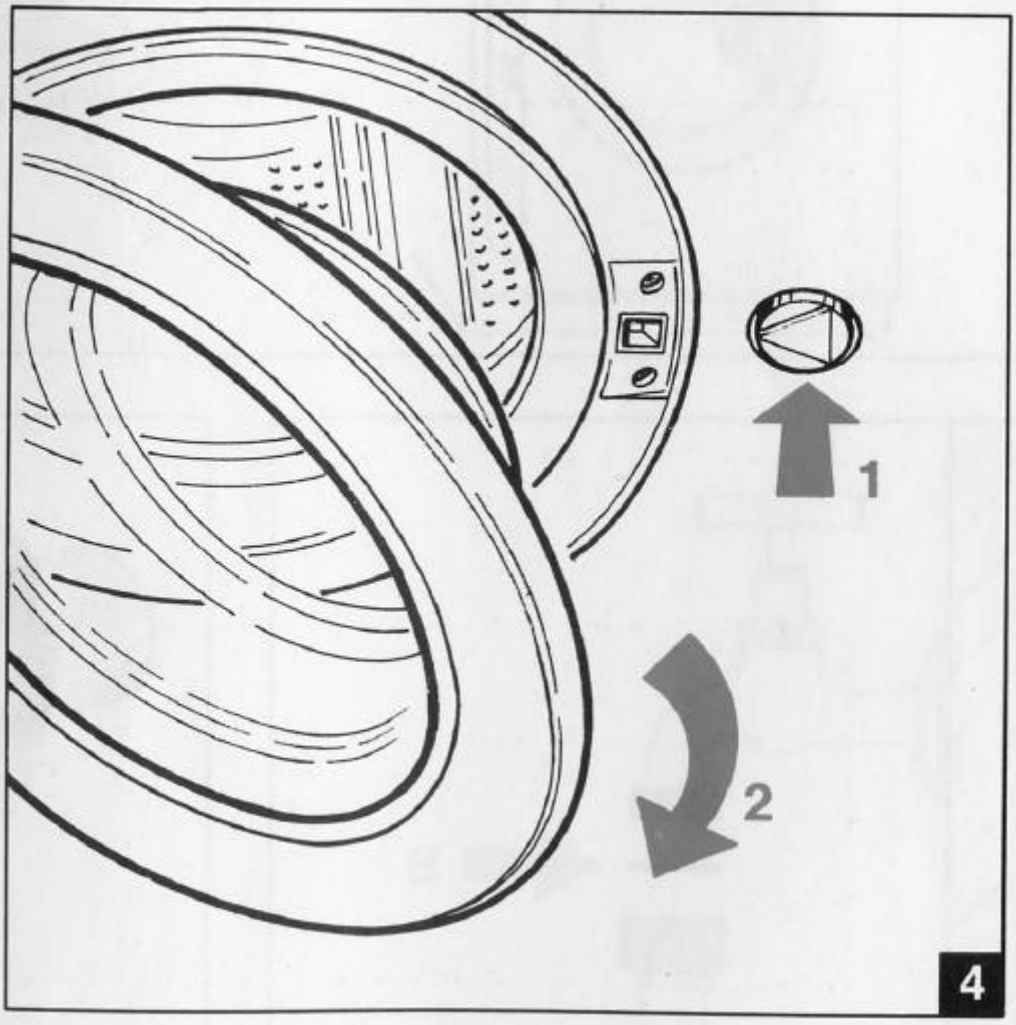
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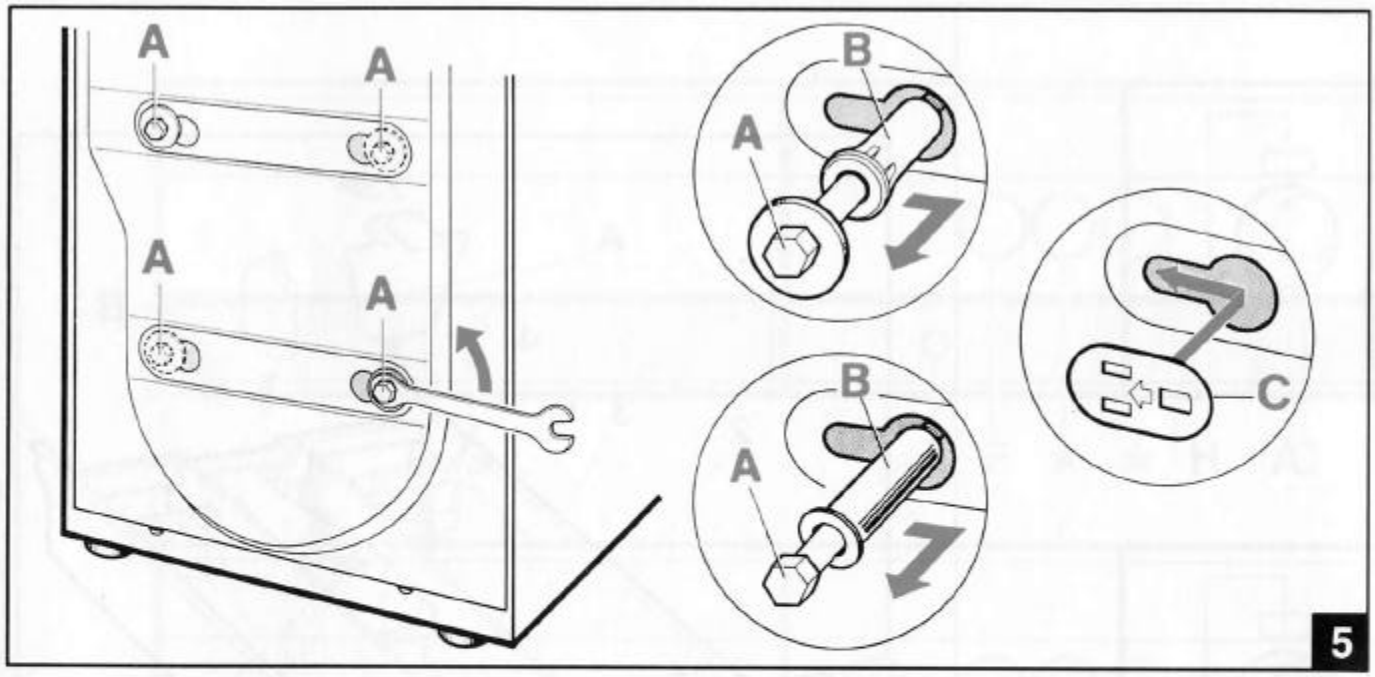
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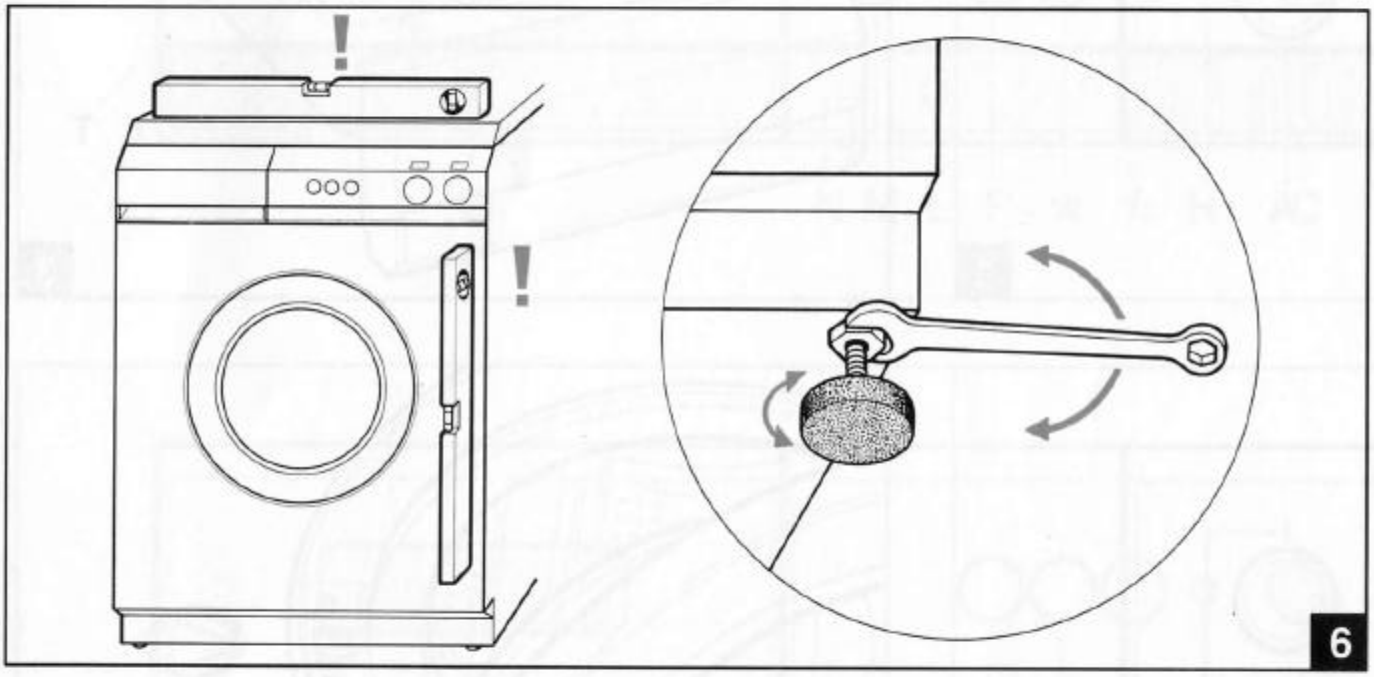
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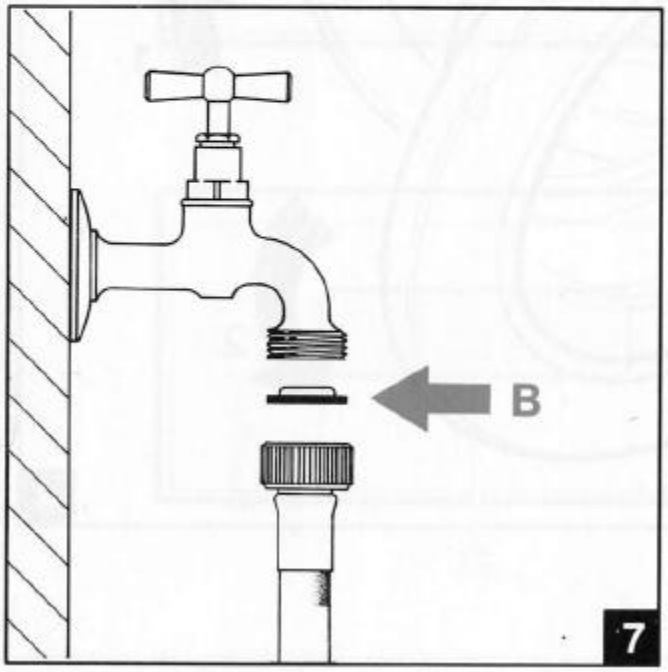
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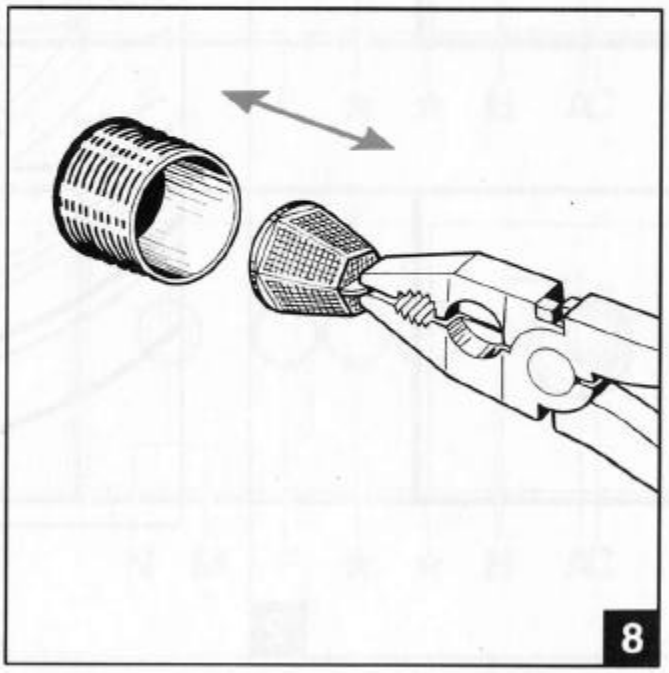
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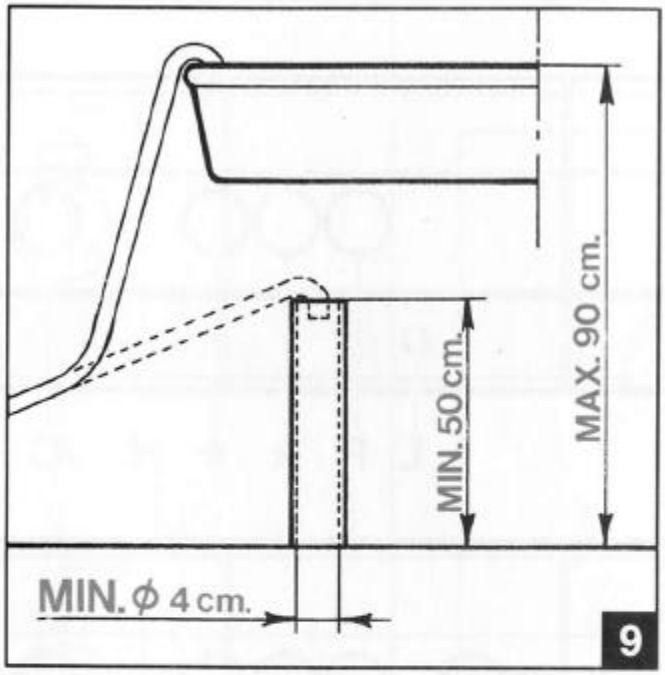
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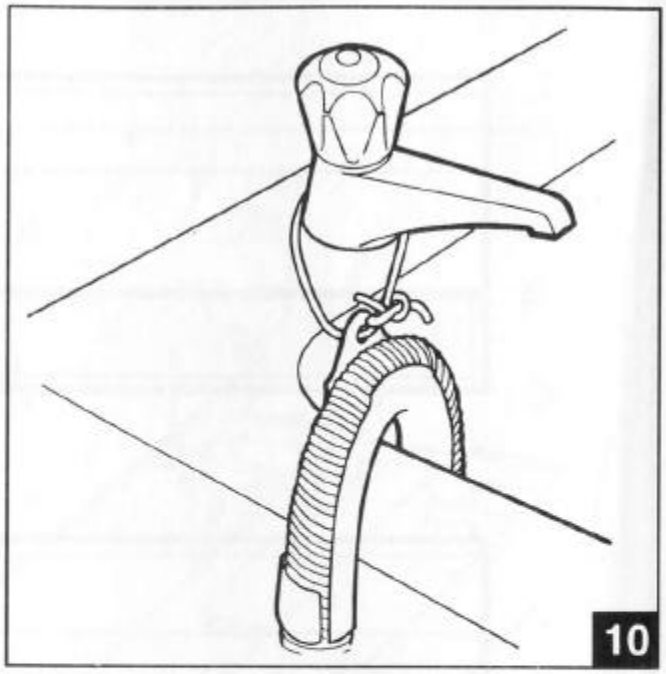
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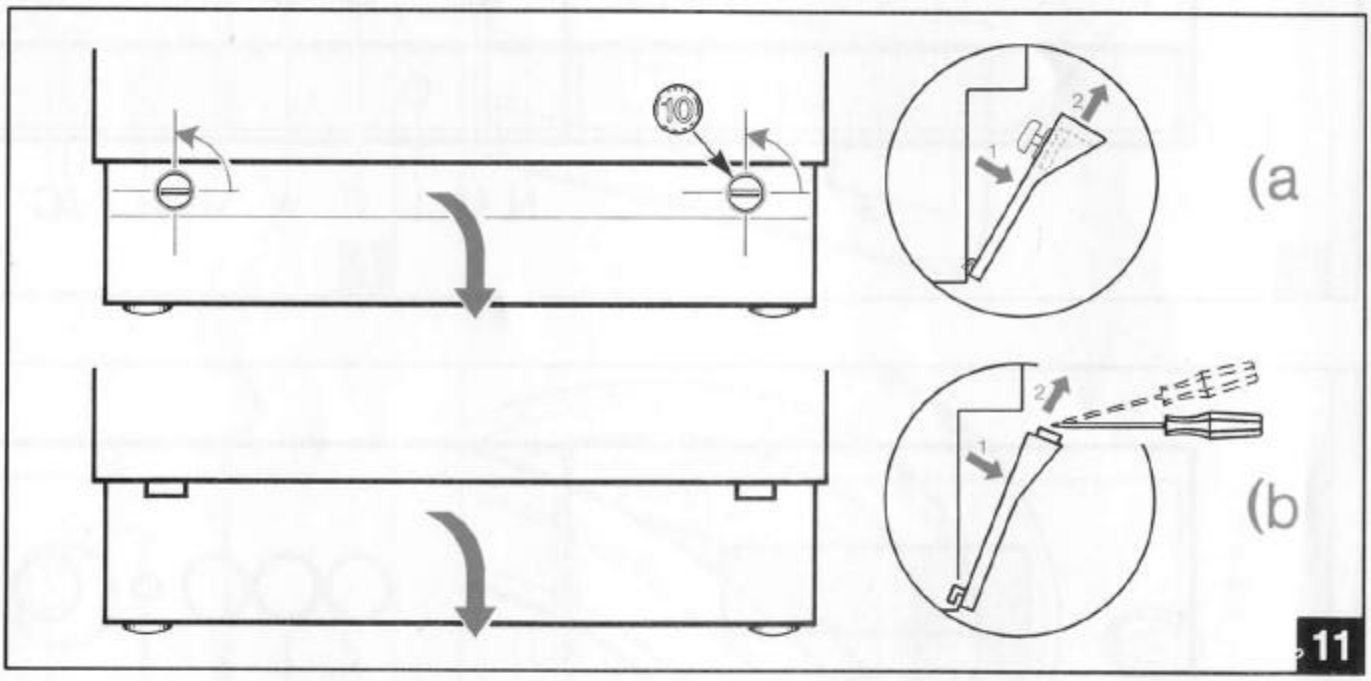
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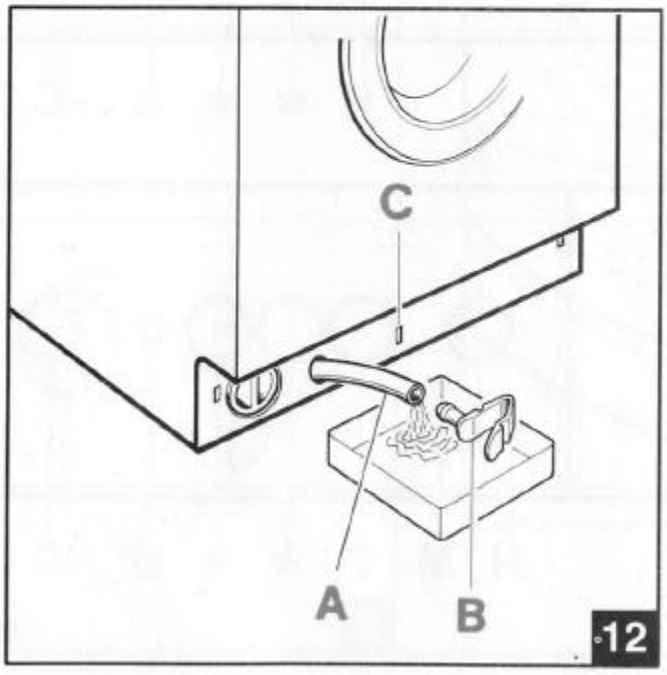
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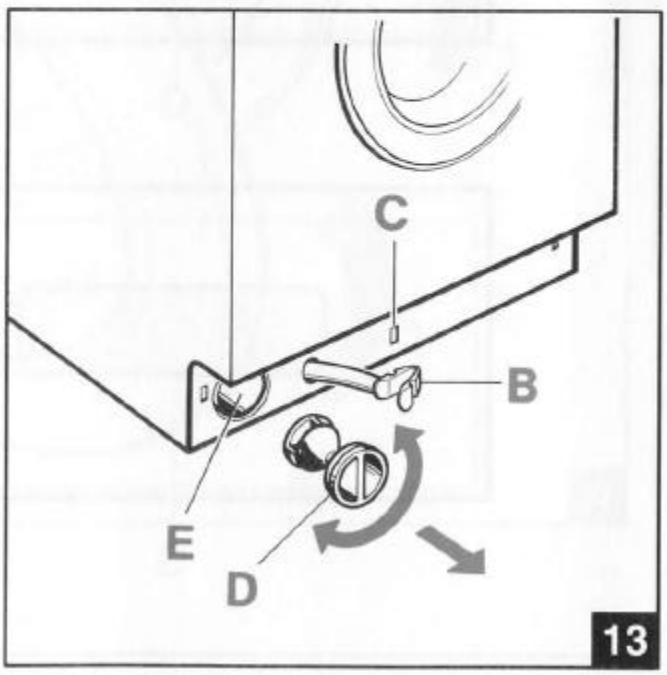
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